

Scotland's Rural College

Scottish Recommended List for Cereals 2013

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SRUC Scottish Recommended List for Cereals 2013 Tables

Data from HGCA Recommended List Trials



SRUC Recommended List for Cereals 2013

Spring barley Yield of 100 = 7.1 t/ha

Year First Listed	Recommendation		Grain yield % treated Control	Yield loss (%) if untreated	Use Brewing, Distilling, Grain Distilling	IBD† Malting Approval	Screenings <2.5 mm	Specific weight kg/hl		Maturity days +/- Optic	Straw Strength; 1 to 9 weak to stiff	Straw length cm	Brackling risk; 1 to 9 high to low	Disease resistance 1 susceptible to 9 resistant		
														Mildew	Rhynchosporium	Ramularia
2013	P1	Sanette	108	14	B	T	[5.2]	66.7		+2	[7]	71	8	9	6	8
2012	P2	Odyssey	106	14	B & D	P	3.4	67.7		+2	[5]	72	8	9	7	6
2012	P2	Chronicle	105	13	B & D	P	3.9	67.4		+1	[7]	73	8	8	6	7
2010	R	Propino	104	12	B	F	2.4	67.3		+1	8	75	8	8	7	6
2005	R	Waggon	104	12	Feed	No	---	67.6		-1	8	73	8	9	3	7
2012	P2	Overture	103	9	B & D	P	3.7	67.9		+2	[7]	74	7	8	6	6
2013	P1	Glassel	103	11	D	T	[5.8]	66.7		+1	[7]	71	9	9	4	5
2011	P3	Moonshine	100	13	B & D	P	3.2	67.2		0	7	71	7	8	4	5
2009	R	Concerto	99	11	B & D	F	2.7	68.4		+1	6	77	7	8	4	6
2008	R	Belgravia	97	10	D & GD	F	3.7	68.3		+1	7	76	8	9	7	7
2005	O	Westminster	96	9	Feed	No	3.0	70.0		+1	6	81	7	9	7	7
1995	R	Optic	95	16	B & D	F	4.5	70.1		0	7	74	5	5	3	5

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use	† Institute of Brewing and Distilling	--- = Insufficient information
P1 and P2 = Provisional Year 1 and 2	F = IBD Full Approval	[] = HGCA limited data
S = Specific use variety	P = IBD Provisional Approval	
O = Becoming outclassed	T = Under test as a malting variety	

Data from HGCA Recommended List trials. The full data sets collected are available on the HGCA website (www.hgca.com)

SRUC Recommended List for Cereals 2013

Winter barley Yield of 100 = 8.6 t/ha

Year First Listed	Recommendation		Yield % of treated control	Yield % loss if untreated	Yield % control		IBD† Malting Approval	Screenings % <2.5 mm	Specific weight	Maturity days +/- Pearl	Straw Strength; 1 to 9 weak to stiff	Straw length cm	Disease resistance 1 susceptible to 9 resistant			
					Light soil	Heavy soil							Mildew	Rhyncho-sporium	Net Blotch	BaMMV R=resistant
2009	R	Volume	110	18	108	109	No	14.2	68.9	-2	6	99	6	8	6	R
2012	P2	KWS Meridian	107	16	104	106	No	5.2	66.0	-2	7	102	8	6	7	R
2007	R	Retriever	106	23	107	105	No	---	66.9	-1	6	84	6	6	6	R
2010	R	KWS Cassia	105	18	103	102	No	3.1	71.1	0	8	87	4	4	7	R
2013	P1	KWS Glacier	105	20	105	111	No	[5.7]	69.9	-1	7	81	4	6	6	R
2011	R	Escadre	103	18	103	100	No	6.4	70.1	-2	7	96	5	8	8	R
2011	P3	Florentine	100	18	102	102	No	5.0	68.6	-1	8	87	6	7	7	R
2003	O	Sequel	100	18	100	98	No	11.4	69.5	-2	6	99	5	7	6	R
2007	S	Cassata	94	17	96	96	F	2.8	68.6	+1	8	87	4	8	4	R
1999	R	Pearl	92	15	93	94	F	2.8	70.8	0	7	96	6	5	5	

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Towards poor

Poor

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P1 and P2 = Provisional Year 1 and 2	F = IBD Full Approval	[] = HGCA limited data
S = Specific use variety	P = IBD Provisional Approval	
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Data from HGCA Recommended List trials. The full data sets collected are available on the HGCA website (www.hgca.com)

SRUC Recommended List for Cereals 2013

Winter wheat Yield of 100 = 10.1 t/ha

Year First Listed	Recommendation		Grain yield % treated Control	Yield loss if untreated %	Use as a 2 nd cereal	Quality markets			Specific weight kg/hl	HFN	Maturity days +/- Solstice	Straw strength 1-9	Straw length cm	Resistance to sprouting 1-9	Disease resistance 1 susceptible to 9 resistant				
						Distilling	Biscuit and uks ‡	Bread and ups ‡							Mil-dew	Yellow rust	Septoria nodorum	Septoria tritici	Eye-spot
2013	P1	Leeds	[109]	19	Good	Good	Poor ‡	Poor	77.8	204	+2	7	88	---	3	7	[6]	5	[5]
2013	P1	Myriad	[107]	14	Mod	Medium	Poor ‡	Poor	76.3	225	+2	7	90	---	5	8	[5]	5	[7]
2009	R	Viscount	105	16	Mod	Good	Poor ‡	Poor	75.6	162	+1	6	82	[4]	7	4	7	5	6
2012	P2	Horatio	105	15	Mod	Medium	Poor ‡	Poor	75.8	226	+2	6	89	---	7	6	[5]	6	[6]
2010	R	Beluga	103	19	Good	Good	Poor ‡	Poor	74.8	150	0	8	79	[4]	4	5	[5]	5	7
2006	O	Alchemy	98	11	Poor	Medium	Poor ‡	Poor	76.9	230	+2	7	91	[6]	7	6	6	6	6
2004	O	Istabraq	See thumbnail sketch		Good	Good	Poor ‡	Poor	No longer on the HGCA Recommended List. Refer to thumbnail sketches for agronomic information										
2011	R	Tuxedo	102	12	Mod	Medium	Good ‡	Poor	74.7	274	+2	7	83	---	6	9	[6]	6	6
2010	R	Invicta	102	13	Poor	Medium	Good ‡	Poor	74.9	236	+3	7	90	[7]	5	8	[6]	5	5
2003	O	Robigus	See thumbnail sketch		Poor	Medium	Good ‡	Poor	No longer on the HGCA Recommended List. Refer to thumbnail sketches for agronomic information										
2003	O	Einstein	98	13	Good	Poor	Poor	Med ‡	77.1	272	-1	6	85	[6]	6	6	6	5	5
2009	S	Gallant	96	16	Mod	Poor	Poor	Good ‡	76.9	284	-2	7	83	[6]	5	5	[5]	5	6
2004	S	Cordiale	97	15	Good	Poor	Poor	Med ‡	78.7	306	-2	7	79	[6]	6	6	[5]	5	4
2002	S	Solstice	96	18	Good	Poor	Poor	Good ‡	77.3	252	0	8	92	[7]	4	4	6	5	4
2009	R	Grafton	102	11	Good	Poor	Poor	Poor	77.8	257	-1	9	76	[5]	7	6	[5]	5	8

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use	‡ see export potential in thumbnail sketch	--- = Insufficient information
P1 and P2 = Provisional Year 1 and 2	HFN = Hagberg falling number	[] = HGCA limited data
S = Specific use variety	Mod = moderate; Med = medium	
O = Becoming outclassed		

Data from HGCA Recommended List trials. The full data sets collected are available on the HGCA website (www.hgca.com)

SRUC Recommended List for Cereals 2013

Spring oats (Yield of 100 = 7.6 t/ha)

Year first listed	Recommendation		UK Grain yield % treated controls	Yield loss if untreated %	% Kernel content	Screenings % <2.0mm	Specific weight kg/hl	Maturity days +/- Firth	Straw strength 1-9 weak-strong	Straw length cm	Crown Rust 1-9	Mildew 1-9
2011	R	Canyon	103	9	76.0	0.4	54.0	-2	8	113	---	8
2008	R	Husky	98	12	77.7	0.8	54.5	-4	7	105	---	7
2007	R	Atego	98	17	75.8	1.1	52.6	-3	7	101	---	3
2000	R	Firth	99	11	78.4	0.8	53.3	0	6	103	---	7

Winter oats (Yield of 100 = 8.1 t/ha)

Year first listed	Recommendation		UK Grain yield % treated controls	Yield loss if untreated %	% Kernel content	Screenings % <2.0mm	Specific weight kg/hl	Maturity days +/- Gerald	Straw strength 1-9 weak-strong	Straw length cm	Crown Rust 1-9	Mildew 1-9
2010	S	Balado	106	---	72.9	3.8	49.3	+1	9	87	[3]	4
2003	R	Dalguise	101	---	75.6	4.6	53.9	-2	4	116	[3]	4
1993	R	Gerald	101	---	73.2	3.4	52.6	0	6	113	[6]	3
2004	R	Mascani	98	---	78.0	2.0	53.8	-1	6	112	[8]	6

Spring wheat (Yield of 100 = 6.9 t/ha)

Year first listed	Recommendation		UK Grain yield % treated controls	Yield loss if untreated %	nabim Group	Hagberg falling number	Specific weight kg/hl	Maturity days +/- Paragon	Straw strength 1-9 weak-strong	Straw length cm	Septoria tritici	Mildew
2003	R	Tyalt	105	---	2	280	75.5	[+1]	[3]	76	6	8
2003	R	Ashby	100	---	2	272	77.7	[+2]	[7]	80	5	6
1999	R	Paragon	95	---	1	294	77.2	[0]	[6]	85	6	8
2011	R	Mulika	103	---	1	291	77.0	---	---	80	5	[7]

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

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O = becoming outclassed

[] = HGCA limited data

P1 and P2 = Provisional Year 1 and 2

--- = Insufficient information

Data from HGCA Recommended List trials. The full data sets collected are available on the HGCA website (www.hgca.com)